

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANTS: Philip Dan Cook
- (ii) TITLE OF INVENTION: PNA-DNA-PNA Chimeric
Macromolecules
- (iii) NUMBER OF SEQUENCES: 4
- (iv) CORRESPONDENCE ADDRESS:
- (A) ADDRESSEE: Woodcock Washburn Kurtz
Mackiewicz and Norris
- (B) STREET: One Liberty Place - 46th Floor
- (C) CITY: Philadelphia
- (D) STATE: PA
- (E) COUNTRY: U.S.A.
- (F) ZIP: 19103
- (v) COMPUTER READABLE FORM:
- (A) MEDIUM TYPE: Floppy disk, 1.44 Mb storage
- (B) COMPUTER: IBM PC compatible
- (C) OPERATING SYSTEM: PC-DOS/MS-DOS
- (D) SOFTWARE: WordPerfect 5.1
- (vi) CURRENT APPLICATION DATA:
- (A) APPLICATION NUMBER: n/a
- (B) FILING DATE: herewith
- (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
- (A) APPLICATION NUMBER: US92/11339
- (B) FILING DATE: December 23, 1992
- (viii) ATTORNEY/AGENT INFORMATION:
- (A) NAME: John W. Caldwell
- (B) REGISTRATION NUMBER: 28,937
- (C) REFERENCE/DOCKET NUMBER: ISIS-1236
- (ix) TELECOMMUNICATION INFORMATION:
- (A) TELEPHONE: 215-568-3100
- (B) TELEFAX: 215-568-3439
- (2) INFORMATION FOR SEQ ID NO: 1:
- (i) SEQUENCE CHARACTERISTICS:
- (A) LENGTH: 10
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear
- (iv) ANTI-SENSE: yes
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

08877317 "051797

TGCATTTCAG

10

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

5

- (A) LENGTH: 17
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(iv) ANTI-SENSE: yes

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

10 TTCTCGCTGC ATTCAG

17

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

15

- (A) LENGTH: 20
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(iv) ANTI-SENSE: yes

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

TATTCCGTCA TCGCTCCTCA

20

20 (2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

25

- (A) LENGTH: 15
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(iv) ANTI-SENSE: yes

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

TGTACGTCAC AACTA

15

08377347.064797
2629907E4880